

REMARKS

Claims 1-12 and 14-21 are pending. Claims 8-10, 14, and 19-21 stand rejected, claims 11-12 and 15-17 stand objected to, and claims 1-7 and 18 stand allowed. By virtue of this response, claims 8, 14, and 21 have been cancelled, claims 9, 11, 12, 15, 19, and 20 have been amended, and no new claims have been added. Accordingly, claims 1-7, 9-12 and 15-20 are currently under consideration. Cancellation and amendment of certain claims is not to be construed as a dedication or abandonment of any unclaimed subject matter by Applicants, and moreover Applicants have not acquiesced to any rejections and/or objections made by the Patent Office. Applicants explicitly reserve the right to pursue prosecution of any subject matter in continuation and/or divisional applications.

Allowable Subject Matter

Applicants thank the Examiner for the indication of allowable subject matter in the present application. In particular, that claims 1-7 and 18 are allowed, and claims 11-12 and 15-17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Applicants have amended the objected to claims to include the features of the base claims and any intervening claims. Rejected claims have been cancelled or amended to depend from an allowable claim. Accordingly, all claims are now in condition for immediate allowance.

Drawings

Applicants thanks the Examiner for accepting the drawings filed on June 25, 2004.

The drawings stand objected to under 37 CFR 1.83(a) for not showing the structure used to reduce the temperature of the FDB as set forth in claim 21. As indicated herein, claim 21 has been cancelled and the objection to the drawings is now moot.

Claim Rejections Under 35 U.S.C. 112, first paragraph

Claim 21 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. As indicated herein, Applicants have cancelled claim 21. Accordingly, the rejection is now moot and should be withdrawn.

Claim Rejections under 35 USC §103

A. Claims 8-10 and 14 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Fleury et al.

As indicated herein, claim 8 and 14 have been cancelled. The features of claim 8 have been included in objected to claims 11 and 12. Additionally, claims 9 and 10 now depend from claim 11 which is now in condition for allowance. Accordingly, the rejection should be withdrawn and claims 9 and 10 allowed.

B. Claims 19 and 20 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Fleury et al. in view of Liu et al.

As indicated herein, claims 19 and 20 have been amended to depend from allowable independent claims. Accordingly, the rejection should be withdrawn and claims 19 and 20 allowed.

Claim Rejections under 35 USC § 102

Claim 21 is rejected under 35 U.S.C. 102(b) as being anticipated by Takizawa (JP 6-150527). Applicants have cancelled claim 21. Accordingly, the rejection is now moot and should be withdrawn.

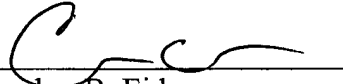
CONCLUSION

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 146712006500. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

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